

DERWENT ABSTRACT FOR: JP 06-057130 (Asahi), published 1 Mar 1994:

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ACCESSION NUMBER: 1994-106975 [13] WPINDEX

DOC NO. CFI: C1994-049534

TITLE: Oil, chemical and heat resistant polymer compsn - comprises polyolefin, polyphenylene ether and hydrogenated block copolymers of vinyl , aromatic cpd. and conjugated diene.

DERWENT CLASS: A18 A15

PATENT ASSIGNEE(S): (ASAH ASAHI CHEM IND CO LTD

COUNTRY COUNT: 1

PATENT INFORMATION:

PATENT NO	KIND	DATE	WEEK	LA	PG
JP 06057130	A	19940101	(199413)*	12	<--

APPLICATION DETAILS:

PATENT NO	KIND	APPLICATION	DATE
JP 06057130	A	JP 1992-212748	19920310

PRIORITY APPLN. INFO: JP 1992-212748 19920910

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AB JP 06057130 A UPAB: 19940517

Polymer compsn. comprises 20-60 wt.% of (a) polyolefin, 30-60 wt.% of (b) polyphenylene ether and 5-50 wt.% in total of (c) at least one hydrogenated block copolymer of vinyl aromatic cpd. and conjugated diene cpd. which contains 45-95 wt.% of linked vinyl aromatic cpd. and (d) at least one hydrogenated block copolymer of vinyl aromatic cpd. and conjugated diene cpd. which contains 15-45 wt.% of linked vinyl aromatic cpd.

(c) and (d) are contained in amts. satisfying the equation, $BS(c) = BS(c) \times C(c) + BS(d) \times C(d) = 20 - 65 \text{ wt.}\%$, where $BS(t)$ is average amt. (wt.%) of linked vinyl aromatic cpd. in total hydrogenated block copolymer of vinyl aromatic cpd. and conjugated diene cpd; $BS(c)$ is amt. (wt.%) of linked vinyl aromatic cpd. in (c); $BS(d)$ is amt. (wt.%) of linked vinyl aromatic cpd. in (d); $C(c)$ is proportion of (c) per 100 pts. wt. of (c)+(d), $C(d)$ is proportion of (d) per 100 pts. wt. of (c)+(d). Pref. (a) are isotactic polypropylene, propylene-ethylene block copolymer, propylene-ethylene random copolymer and polyethylene. Pref. (b) is poly(2,6-dimethyl 1,4-phenylene ether). Pref. vinyl aromatic cpd. for (c) and (d) is styrene and pref. conjugated diene cpds. are butadiene and isoprene.

ADVANTAGE - Polymer compsn. has excellent resistance to oil, chemicals, heat and impact.

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